

SECTION 10 14 00

SIGNAGE

PART 1 - GENERAL

1.1 WORK INCLUDED

- A. SIGNAGE consists of furnishing transportation, labor, materials, and equipment to furnish, fabricate, and install signage at locations indicated on Drawings.

1.2 RELATED REQUIREMENTS

- A. BASIC SITE MATERIALS AND METHODS Section 02 00 01
- B. PAVEMENT MARKINGS Section 32 17 23

1.3 MEASUREMENT AND PAYMENT

- A. Roadside Sign on Post, Reflective Diamond Grade
Payment for the installation of roadside sign on steel post will be payable under "Roadside Sign on Post, Reflective Diamond Grade" unit price bid item. Payment shall be measured and paid for at contract price by the unit from actual count. One or more sign panels mounted on a single post installation will be counted as one roadside sign on post. Contract price and payment includes, but not limited to, full compensation for furnishing transportation, labor, materials, tools, equipment, and incidentals, and for doing all the work involved in furnishing and installing roadside signs, complete in place, including the installation of sign panels, as accordance with project plans, specifications, permits, and as directed by the Engineer

1.4 REFERENCES

- A. State of California Department of Transportation Standard Specifications (SS):
 - Section 15 Existing Highway Facilities
 - Section 56 Signs
 - Subsection 56-2 Roadside Signs
 - Subsection 56-2.02A Metal Posts
 - Subsection 56-2.02D Sign Panel Fastening Hardware
- C. California Manual on Uniform Traffic Control Devices (current edition):
 - California Regulatory Signs for Bicycle Facilities
 - R81 (CA)
 - R81A (CA)
 - R81 B(CA)

1.5 QUALITY ASSURANCE

- A. The Engineer reserves the right to inspect the manufacture or fabrication. The Engineer's inspection of the work does not relieve the Contractor of the responsibility for the work. Errors or faults that are discovered during fabrication shall be corrected by the Contractor prior to installation.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Metal Posts:
 - 1. Conform to SS Subsection 56-2.02A
- B. Sign Panel Fastening Hardware:
 - 1. Conform to SS Subsection 56-2.02D

2.2 FABRICATION

- A. Signage shall be complete for proper installation as shown on project plans.
- B. Finished work shall be firm, well anchored, in true alignment, properly squared, with smooth clean uniform appearance, without holes, cracks, discoloration, distortion, stains, or marks
- C. Construct work to eliminate burrs, dents, cutting edges, and sharp corners.
- D. Welding shall be in conformance with AWS requirements. Finish welds on exposed surfaces to be imperceptible in the finished work
- E. Except as indicated or directed otherwise, finish all surfaces smooth
- F. Surfaces which are intended to be flat shall be without dents, bulges, oil canning, gaps, or other physical deformities
- G. Surfaces which are intended to be curved shall be smoothly free-flowing to required shapes
- H. Conceal all fasteners
- I. Make access panels tight-fitting, light proof, and flush with adjacent surfaces
- J. Obtain identification labels and labels shall form to Underwriters Laboratories requirements. Conceal all labels on underside or back of sign elements
- K. Carefully follow manufacturer's recommended fabricating procedures regarding expansion or contraction, fastening, and restraining of acrylic plastic

- L. Exercise care to ensure that painted, polished, and plated surfaces are unblemished in the finished work
- M. Isolate dissimilar materials. Exercise particular care to isolate nonferrous metals from ferrous metals
- N. All illumination shall be even and without hot spots
- O. Ease all exposed metal edges.
- P. Provide miscellaneous metal items required for completion of the work even though not shown or specified
- Q. Aluminum cabinets and panels shall have sufficient internal structure to prevent oil-canning.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Guard against damaging existing pavements and planting where signage is to be installed.

3.2 CLEAN UP

- A. Keep areas of work clean, neat and orderly at all times. Clean surfaces, inside and out. Use approved cleaners if necessary to remove dirt.
- B. Protective coverings and strippable films shall be removed at a time that will afford the greatest protection of the signage. Surfaces shall be cleaned to remove excess glazing and sealant compounds, dirt, and other substances.
- C. Upon completion of work and before final acceptance, remove tools, surplus materials, apparatus, and debris from the site. Leave the site in a neat, and clean condition. Wash, clean, and leave paved areas without stains.

3.3 FINAL INSPECTION AND ACCEPTANCE

- A. Upon completion of work, a final inspection for acceptance will be performed by the Engineer.

-END OF SECTION-

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